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dividing multiplying percentage maximum total

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**Load balancing and failover**

N Malpani, X Yao, CA Musta - US Patent App. 10/815,349, 2004 - Google Patents

... ease of reference, that represents the **percentage** of a ... **load balancing** value is computed by **dividing** the **total** ... generate a first value and **multiplying** the first ...[All 2 versions](#)**[PDF] ► Parallel programming**

B Wilkinson, M Allen, 1999 - sizzle.cs.kookmin.ac.kr

... to **divide** network into two equal parts. ... when E is given as a **percentage**. ... For example, adding two matrices has this effect, but **multiplying** matrices does not. ...[Cited by 149](#) - [Related articles](#) - [View as HTML](#) - [All 12 versions](#)**[PDF] ► A Load Balancing Algorithm Using Radio Signal Strength and Sensitivity for the Multipath ...**

HT El-Kassabi, 2003 - Citeseer

... to-end delay, delay per packet and **total** number of ... less **data** transmission delay than larger satellites ... forcing the packet to travel through a **maximum** number of ...[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 6 versions](#)**Symbolic performance modeling of parallel systems**

AJC van Gemund - IEEE Transactions on Parallel and Distributed Systems, 2003 - doi.ieeecomputersociety.org

... M\bigr.\$ server, load balanced system with **total** service demand \$\big. ... The **maximum** error (50 **percent**) occurs for load-balanced systems (ie, \$\big. ...[Cited by 37](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)**[PDF] ► Scalable and adaptive load balancing on IBM Power NP**

R Russo, L Kendl, B Metzler, P Droz - Research Report RZ-3431, IBM Zurich Research ..., 2002 - Citeseer

... with shorter access times (RAID systems), as the server's **maximum** ... and the list goes on for a **total** of \$4 ... a great **percentage** of server power is depleted for the ...[Cited by 8](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)**The vector-thread architecture- ►psu.edu [pdf]**

R Krashinsky, C Batten, M Hampton, S Gerding ... - ACM SIGARCH Computer Architecture News, 2004 - portal.acm.org

... 1 supports fetch instructions, and cluster 3 sup- ports integer **multiply** and **divide**. ... changes with each re-configuration to reflect the **maximum** num- ber of ...[Cited by 77](#) - [Related articles](#) - [BL Direct](#) - [All 43 versions](#)**The WarpEngine: An architecture for the post-polygonal age- ►psu.edu [pdf]**

V Popescu, J Eyles, A Lastra, J Steinhurst, N ... - Proceedings of the 27th annual conference on ..., 2000 - portal.acm.org

... non-zero translation from reference position) one could save a **multiply** by **dividing** all w's ... of tiles per frame ranges from a few thousand to a **maximum** of a ...[Cited by 59](#) - [Related articles](#) - [All 12 versions](#)**A dynamic multithreading processor- ►psu.edu [pdf]**

H Akkary, MA Driscoll - Proceedings of the 31st annual ACM/IEEE ..., 1998 - portal.acm.org

... are reported based on **total** execution time and as a **percentage** speedup over a 4 ... The latencies are 1 cycle for the ALU, 3 for **multiply**, 20 for **divide**, and 3 ...[Cited by 266](#) - [Related articles](#) - [BL Direct](#) - [All 27 versions](#)

[PDF] ► [Linux advanced routing & traffic control howto](#)

B Hubert... - setembro de, 2002 - ds9a.nl

... The MTU size (**Maximum** Transfer Unit) is 3924 octets, and it is not supposed to ...  
espa043.austin.ibm.com (9.3.76.43) from 9.3.76.41 : 56(84) **bytes** of **data**. ...

Cited by 113 - [Related articles](#) - [View as HTML](#) - [All 264 versions](#)

[PDF] ► [Scheduling parallel computations in a heterogeneous environment](#)

JB Weissman - University of Virginia, Charlottesville, VA, 1996 - Citeseer

... P T = **total** number of processors selected  $\tau$  = application communication ... b = message size in **bytes** ... ear chains [9][65], and when the **maximum** communication cost ...

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[PDF] ► [High-throughput routing for multi-hop wireless networks](#)

DSJ De Couto, 2004 - Citeseer

... its complement, delivery ratio, is the **percentage** of transmitted ... minimum- ETX route is the **maximum-throughput route** ... layer header specifies the **total** length of ...

Cited by 18 - [Related articles](#) - [View as HTML](#) - [All 12 versions](#)

[Load balanced scalable network gateway processor architecture](#)

D Pham, N Pham, T Le Nguyen - US Patent App. 09/976,229, 2001 - Google Patents

... speed, here defined as the **maximum** bandwidth of ... more compute intensive, typically involving **data** conversions and ... opera- tions with a **total** throughput readily ...

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D Pham, N Pham, T Le Nguyen - US Patent App. 09/976,322, 2001 - Google Patents

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[All 4 versions](#)

[External memory algorithms and data structures: Dealing with massive data-](#) ► [psu.edu](#) [PDF]

JS Vitter - ACM Computing Surveys (CSUR), 2001 - portal.acm.org

... rather than in units of **bytes**.) In this ... 7 Filtering § 11 Lazy Updating § 10.4 **Load Balancing** § 4 Locality ... **data** structures, and we also investigate kinetic ...

Cited by 483 - [Related articles](#) - [BL Direct](#) - [All 20 versions](#)

[The DASH prototype: Logic overhead and performance-](#) ► [psu.edu](#) [PDF]

D Lenoski, J Laudon, T Joe, D Nakahira, L ... - IEEE Transactions on Parallel and Distributed Systems, 1993 - doi.ieeecomputersociety.org

... processors, it is limited to a **maximum** configuration of ... caches instead of clusters), the **percent** of directory ... up to 512 clusters (2048 **total** processors) while ...

Cited by 204 - [Related articles](#) - [All 28 versions](#)

[PDF] ► [REMOTE DATA BACKUP SYSTEM FOR DISASTER RECOVERY](#)

H Lin, 2004 - scholarspace.manoa.hawaii.edu

... **percent** per year in subscriptions. ... Though it may reduce the **maximum** server load, it increases the probability of failure. ... where N is the number of **total** disks. ...

[Related articles](#) - [All 2 versions](#)

[PDF] ► [Investigation of the performance of 100mbit and gigabit ethernet components using raw](#)

...

R Hughes-Jones, F Saka, 2000 - Citeseer

... to memory using a series of PCI bursts with a **maximum** length of 380 **bytes**. ... transfer times over PCI, and the green bars show the **total** time associated ...

Cited by 7 - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)

[BOOK] ... [loops for high performance computers: partitioning, data assignment, and remapping](#)

DE Hudak, SG Abraham, 1993 - books.google.com

... the sample tiles 120 4.4 The **percentage** difference between ... ie, the smallest number of **bytes** which may ... of the loop partitioning and **data** assignment techniques ...

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### [The DASH prototype: Implementation and performance- ▶psu.edu \(pdf\)](#)

D Lenoski, J Laudon, T Joe, D Nakahira, L ... - Proceedings of the 19th annual international ..., 1992 - portal.acm.org

... **maximum** configuration of 16 clusters and 64 processors. ... 95 Page 5. Table 2. **Percent** of core logic in a DASH cluster. ... 0.0% 0.0%0 0.0% O.wo **Total** 456 1268 73 2286 ...

[Cited by 214](#) - [Related articles](#) - [BL Direct](#) - [All 21 versions](#)

### [\[PDF\] ▶ Dynamic load balancing issues in the EARTH runtime system](#)

KP Kakulavarapu, 1999 - Citeseer

... depth study of their behavior with **divide-and-conquer** ... ensure **maximum** possible utilization of the CPU resources ... thereby the **total** program execution time is a far ...

[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### [High-throughput routing for multi-hop wireless networks- ▶mit.edu \(pdf\)](#)

RT Morris, DSJ De Couto, 2004 - dspace.mit.edu

... its complement, delivery ratio, is the **percentage** of transmitted ... The physical layer header specifies the **total** length of the ... is doubled, up to the **maximum** value ...

[Related articles](#) - [All 3 versions](#)

### [Filtering and route lookup in a switching device](#)

DC Ferguson, R Patel, G Cheung, PS Sindhu - US Patent 6,798,777, 2004 - Google Patents

... US 6,798,777 BI RECEIVE **DATA** PACKET 1800 **DIVIDE** PACKET INTO ... buffer must be sized to meet the **maximum** through- put ... pointer that points to a starting **byte** in the ...

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### [Methods and computer programs for generating data traffic matrices](#)

N McKee, P Phaal - US Patent App. 10/877,853, 2004 - Google Patents

... contains the unique node pair and **multiplying** that count ... collected can be derived by **dividing** the **total** ... traffic (or alternatively, a known **percentage** of **data** ...

[All 2 versions](#)

### [\[PDF\] ▶ Global combine algorithms for 2-D meshes with wormhole routing](#)

M Barnett, R Littlefield, DG Payne, RA Geijn - Journal of Parallel and Distributed Computing, 1995 - Citeseer

... as simple as distributed matrix-vector **multiply** and as ... that are naturally used by many recursive **divide-and-conquer** ... where k is the **maximum** number of messages ...

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### [Blue Matter, an application framework for molecular simulation on Blue Gene- ▶leifl.org \(pdf\)](#)

BG Fitch, RS Germain, M Mendell, J Pitera, ... - Journal of Parallel and Distributed Computing, 2003 - Elsevier

... The target configuration contains a **maximum** of 65,536 compute ... mean square deviation (RMSD) of the **total** energy for ... with time step to a fraction of a **percent**. ...

[Cited by 56](#) - [Related articles](#) - [All 12 versions](#)

### [\[PDF\] ▶ Workload Characterization and Performance for a Network Processor](#)

M Miyazaki, 2002 - palms.ee.princeton.edu

... queue, which effectively controls the **percentage** of the ... 3) 1518 **Bytes** The **maximum**-size Ethernet packets ... Packet Size (**Bytes**) Proportion of **Total** Traffic Load ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### [Design methodology for a modular service-driven network processor architecture](#)

M Gabrani, G Dittmann, A Doering, A ... - Computer Networks, 2003 - Elsevier

... performance components allow them to accommodate fully a sizable **percentage** of traffic. ... assuming a minimum packet size of about 40 **bytes** and a **total** of 5 ...

[Cited by 10](#) - [Related articles](#) - [All 5 versions](#)

### [Design, Analysis, and Simulation of I/O Architectures for Hypercube Multiprocessors](#)

R AL NARASIMHA, P BANERIEE - IEEE TRANSACTIONS ON PARALLEL AND ..., 1990 -

doi.ieeecomputersociety.org

... The table reports the **percentage** increase in the message ... h of the message rate r, the **total** I/O ... Asymptotically, the **maximum** value of the network throughput is ...

[Related articles](#) - [All 2 versions](#)

[BOOK] [BGP: Building reliable networks with the border gateway protocol](#)

I Van Beijnum, 2002 - books.google.com

... header (usually 5 32-bit words); the **Total** Length is ... of the entire IP packet, including the header, in **bytes**. ... This happens when the **maximum** packet size on a ...

[Cited by 27](#) - [Related articles](#) - [All 2 versions](#)

[Systems and methods for processing packets](#)

DC Ferguson, R Patel, G Cheung, PS Sindhu - US Patent App. 10/920,237, 2004 - Google Patents

... 0018682 AI RECEIVE **DATA** PACKET 1800 U **DIVIDE** PACKET INTO ... buffer must be sized to meet the **maximum** through- put ... a pointer that points to a starting **byte** in the ...

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DA Ellsworth, 1996 - Citeseer

... Table 6.13: **Percentage** of additional time taken when using between ... 128 Table 7.4: **Maximum** message size, in kilobytes ... 42 Figure 4.2: **Total** processing cost for **load** ...

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[PDF] [► Efficient search in peer-to-peer networks](#)

B Yang, H Garcia-Molina - Proceedings of the International Conference on ..., 2002 - Citeseer

... either the query is satisfied, or the **maximum** depth limit ... 50 KB – independent of the **total** size of the network ... **Percentage** of Query messages dropped (Appendix A ...

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[PDF] [► Evaluation of a Scalable Decoupled Microprocessor Design](#)

GS Tyson, 1988 - Citeseer

... 3.9.4 Address/**Data** Busers : : : : 31 ... 46 4.5.2 **Load Balancing** : : : : 46 ...

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[BOOK] [The impact of vector and parallel architectures on the Gaussian elimination algorithm](#)

Y Robert, 1990 - books.google.com

... progresses, the amount of work decreases, so that tuned **data** allocation strategies will ... is still possible, but it amounts to post-**multiplying** the coefficient ...

[Cited by 52](#) - [Related articles](#) - [All 4 versions](#)

[PDF] [► TAM - A Compiler Controlled Threaded Abstract Machine](#)

DE Culler, SC Goldstein, KE Schauer, T ... - Journal of Parallel and Distributed Computing, 1993 - Citeseer

... This **route** proved more effective than supporting the ... and an inter-frame scheduling **data** structure used ... hold the **maximum** number of concurrently enabled threads. ...

[Cited by 194](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 15 versions](#)

[PDF] [► Measurement based comparison between VoIPoMPLS and VoIP using software routers](#)

IR Quadri, 2004 - Citeseer

... Figure 5.2: **Percentage** CPU Utilization across Ingress, Core and Egress routers for ... consists of a header followed by a number of **bytes** of **data** called payload ...

[Related articles](#) - [View as HTML](#) - [All 5 versions](#)

["Topologies"—distributed objects on multicomputers](#)

K Schwan, W Bo - ACM Transactions on Computer Systems (TOCS), 1990 - portal.acm.org

... compu- tational tasks dynamically, typically using **divide** and conquer ... the reduced amounts of **data** to other nodes, thereby reducing **total** communication as ...

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[PDF] [► Parallel Application Software on High Performance Computers I. The IBM SP2 and Cray](#)

...

RJ Allan, MF Guest - Daresbury Laboratory, 1996 - Citeseer

... 89 8.2.2 **Data** Parallel and Virtual Shared Memory Environments ... Potential, VCoul; construction of the exchange-correlation potential, VXC; and the **total** time ...

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RV Ramirez-Velarde, 2004 - copernico.mty.itesm.mx

... at the same time storing the **maximum** amount of ... ie pixels), and the number of **bytes** which are ... A profile of user identification and other **data**, preferred movie ...

[Related articles](#) - [View as HTML](#)

[PDF] ► [Real-Time Compressed Video Transmission Across the Common Data Link](#)

TO Walker, 1995 - dtic.mil

... 2] **divide** applications into two general service types: elastic and ... the various real-time and elastic **data** flows ... that the Parekh and Gallager **maximum** delay bound ...

[All 4 versions](#)

[Parallel processing system having a synchronous SIMD processing with processing elements](#)

...

PA Wilkinson, JW Dieffenderfer, PM Kogge, ... - US Patent 5,765,011, 1998 - Google Patents

... Corporation. Armonk. NY [21] Appl. No.: 233,210 [22] Filed: Apr. 26, 1994 Related

US Application **Data** [63] Continuation of Ser. No. 888,680 ...

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[GLOSS: text-source discovery over the Internet- ►psu.edu \(pdf\)](#)

L Gravano, H Garcia-Molina, A Tomasic - ACM Transactions on Database Systems (TODS), 1999 - portal.acm.org

... the subject areas covered by the different **data** sources are ...  $n/d_i$ , where  $n$  is the **total** number of ... normalized vector  $D$  is typically obtained by **dividing** each  $w$  ...

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[PDF] ► [Ray tracing on a stream processor](#)

TJ Purcell, 2004 - Citeseer

... only a small fraction of the **total** light particles ... the construction of a photon map **data** structure, which ... each of which is designed for **maximum** performance on ...

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[PDF] ► [Massive Data](#)

JS VITTER - ACM Computing Surveys, 2001 - Citeseer

... rather than in units of **bytes**.) In this ... 7 Filtering § 11 Lazy Updating § 10.4 Load **Balancing** § 4 Locality ... **data** structures, and we also investigate kinetic ...

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[PDF] ► [Dealing with Massive Data](#)

JS Vitter - ACM Computing Surveys, 2001 - verona.dai.unipd.it

... of items rather than in units of **bytes**.) In this ... For **routing** considerations, one desired property for the network is the capability to sort the  $M$  **data** items in ...

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[BOOK] [CCIE: Cisco certified internetwork expert: study guide](#)

R Payne, K Marweiller, J Swartz, 2003 - books.google.com

... is set using statistical analysis, which usually varies between 50 and 75 **percent**. ...

R&S Lab Examination The **Routing** and Switching lab exam is a full, one-day ...

[All 3 versions](#)

[Large join optimization on a hypercube multiprocessor- ►scilib.kiev.ua \(pdf\)](#)

ET Lin, ER Omiecinski, S Yalamanchili - IEEE Transactions on Knowledge and **Data** ..., 1994 - doi.ieeecomputersociety.org

... a large join query by allocating the **maximum** number of ...  $w S w T$  can be estimated by **multiplying** the cardinalities ... turn has an effect on the **total** execution time ...

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[PDF] ► [The implementation of BLAS level 3 on the AP1000: Preliminary Report](#)  
PE Strazdins, RP Brent - Proceedings of the Second Fujitsu-ANU CAP ..., 1991 - Citeseer  
...  $m = M/N$   $y, k = K/N$   $x$ . **Divide**  $A$  into ... efficiently integrated into the parallel  
non-systolic **multiply-add** method ... are given in Table 4. As the **maximum** matrix size ...  
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[PDF] ► [On the LU factorization of sequences of identically structured sparse matrices within a](#)  
...  
SM Hadfield, 1994 - Citeseer  
... 6-3 **Percentage** of Communication Reduction ... assembly DAG denote the necessary **data**  
communication between frontal matrices ... sequence of a matrix **multiply**, two triangular ...  
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[BOOK] [Numerical linear algebra for high-performance computers](#)  
JJ Dongarra, IS Duff, HA van der Vorst, DC ..., 1998 - books.google.com  
... Message-Passing Standards 50 3.6.3 **Routing** 55 4 ... fetched and decoded, • addresses  
of the **data** operands to ... Stage 3 = Add exponents and **multiply** mantissas Stage ...  
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[PDF] ► [A Characterization of Communication Patterns in Isis Distributed Applications](#)  
MA Dietz, CS Ellis, 1995 - Citeseer  
... to be used in only 1 to 2 **percent** of all messages and ... persistence to the **total** number  
of messages, and we examine the histogram of ... **multiplying** by a drift factor ...  
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N Daswani, 2004 - Citeseer  
... IAS for Various PAMs with 5 **percent** malicious nodes . . . . evaluation of techniques  
to **divide** up processing capacity to ... **maximum** number of nodes that we choose to ...  
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[BOOK] [Proceedings of the 1995 International Conference on Parallel Processing](#)  
P Banerjee, CD Polychronopoulos, KA ..., 1995 - books.google.com  
... table: Area Submitted Accepted Regular Concise Architecture Software Algorithms  
**TOTAL** 160 90 115 ... A. Heirich and S. Taylor, "A Parabolic **Load Balancing** Method" ...  
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[Techniques for Communications and Geolocation using Wireless Ad Hoc Networks-](#)  
► [wpi.edu](#) [PDF]  
H AhleHagh, 2004 - wpi.edu  
... speed, (d) overhead **byte** transmitted vs. ... error variance of 0.001131 Figure 7.8:  
**Percentage** of nodes ... They can further **divide** into proactive, reactive and hybrid ...  
[View as HTML](#)

[PDF] ► [Suitability of distributed mobile wireless networking for urban traffic congestion mitigation](#)  
SN Humbad, 2001 - Citeseer  
... financial support available for a commitment of 25 **percent** of their ... For Boston, the  
estimated **total** congestion cost was about 1.65 ... **Multiply** that oversight by ...  
[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)

[PDF] ► [A Resource Monitor for Network-based Parallel Applications](#)  
D Jin, 1999 - collections.canada.gc.ca  
... 2.3.1 **Percentage** of CPU idle time and processor speed ... 4.8 A Break-down of **Total** Sorting  
Time men Tool ... architecture, **data** format, machine load, network load and ...  
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[PDF] ► [COHRA: hardware-software cosynthesis of hierarchical heterogeneous distributed ...](#)  
BP Dave, NK Jha - IEEE Transactions on Computer-Aided Design of ..., 1998 - eref.uqu.edu.sa

... factor (EPUF) to indicate what **percentage** of package ... denote the minimum and **maximum** communication times in this ... against previous ones based on **total** dollar cost ...

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[\[PDF\] ► Emulation of TCP Performance Over WCDMA](#)

O Teyeb, J Wigard, O Teyeb, J Wigard - FACE Deliverable, 2003 - [cpk.auc.dk](#)

... logical to assume that a considerable **percentage** of the ... the header is known as MTU (**Maximum** Transmission Unit ... the better, as that reduces the **total** overhead of ...

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[\[book\] Introduction to Parallel Processing](#)

M Sasikumar, PR Prakash, D Shikhare, 2004 - [books.google.com](#)

... can sometimes increase the **total** time required ... the effort involved in **dividing** the work ... pipelining, vectorisation, concurrency, **data** parallelism, partitioning ...

[Cited by 2](#) - [Related articles](#)

[\[book\] The complete e-commerce book: design, build & maintain a successful Web-based business](#)

J Reynolds, 2004 - [books.google.com](#)

... with the experience, while less than 7 **percent** were dissatisfied ... are growing steadily along with the **total** number of ... tab-delimited text files so the **data** can be ...

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AA Aaby, 1996 - [upf.edu](#)

... 5. Pragmatics 6. Abstraction and Generalization 7. **Data** and **Data** Structuring 8. Logic Programming ... 1 Introduction 1.1 **Data** 1.2 Models of Computation ...

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[\[book\] The Complete Guide to Networking and Network+](#)

M Graves, 2003 - [books.google.com](#)

... PLETE GUIDE TO NETWORKING AND NETWORK+ Exterior **Routing** Protocols 199 Chapter Summary 200 ... LAYER 205 Addressing in the Transport Layer 206 Packaging **Data** in the ...

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[\[PDF\] ► Performance availability for networks of workstations](#)

RH Arpaci-Dusseau, 1999 - [Citeseer](#)

... 99 10.2.3 **Total** Work . ... 1 y all **Percent** of Peak Performance ... the number of components experiencing the performance fault is increased up to the **maximum** number of ...

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[\[book\] Embedded cryptographic hardware: methodologies and architectures](#)

N Nedjah, L de Macedo Mourelle, 2004 - [books.google.com](#)

... The **maximum** length of the original message before the ... 4) for the /-th message block 1 ) **Divide** the /-th ... for register update, and therefore the **total** number of ...

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[\[PDF\] ► Monitor placement for network attack attribution using information theory metrics](#)

RY Liverpool, 2004 - [archives.ece.iastate.edu](#)

... Table 3. Number of Analogs ( m ) and **Maximum** Number of ... Table 7. **Percentage** of Times over all the Networks that ... Options fields and the first eight **bytes** of the ...

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[\[PDF\] ► Extensible interest management for scalable persistent distributed virtual environments](#)

HA Abrams, 1999 - [Citeseer](#)

... 13. ABSTRACT (**maximum** 200 words) Eventually there will exist virtual environments inhabited by millions, but as virtual ... D. **DATA** AND ANALYSIS ... **Total** Entity Count ...

[Cited by 22](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

[Design and Analysis of Parallel Hierarchical Battlefield Simulation](#)

CP Masshardt, 1995 - Storming Media

... of the simulation, and the **total** number ... simulation, printed circuit board **routing**, and digital ... construct multiple instruction, multiple **data** (MIMD) programs ...

[Related articles](#) - [All 2 versions](#)

### Final Report for the 10 to 100 Gigabit/Second Networking Laboratory Directed Research ...

EL Witzke, LG Pierson, TD Tarman, LB DEAN, ..., 2001 - osti.gov

... I in that it provides a **maximum** payload of 512 **bytes** (instead of 64 **bytes** in ServerNet ... Therefore, no software is involved in **data** transfers, unless an error ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

### [PS] ► Software Approaches to Memory Latency Reduction for Scalable Shared-Memory ...

H Li, 1995 - white.toronto.edu

... 41 4.2 Speedups for Matrix **Multiply** on Hector ... 4 stations, each containing 4 processor modules, for a **total** of 16 ... size in the **data** subcache is 64 **bytes**, and the ...

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D Bartz, C Silva, B Schneider - ACM SIGGRAPH Course, 2000 - Citeseer

... the I/O and communicate via a **data** agent with the ... mesh of four crossbars) of an aggregated **total** peak bandwidth ... such as CPU boards (C-brick), **routing** boards (R ...

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### 3.3 Survivability in Wireless Mobile Networks

T Dahlberg, D Tipper, B Cao, C Chamsripinyo - Reliability, survivability and quality of large scale ..., 2002 - books.google.com

... layers have been shown to provide **maximum** benefit ... The INS supports service **data** management functions to ... termination probability indicate the **percentage** of these ...

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### [PDF] ► Survivability Extensions for Dynamic Ultralog Environments

M Brittan, BCOSWAP WORKS, 2004 - dtic.mil

... of dealing with complex routings in **multiply** connected networks ... get inter-agent traffic in units of **Bytes**/Sec, but ... without having to perform a **total** rewrite of ...

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### [BOOK] Pipelined processor farms: structured design for embedded parallel systems

M Fleury, AC Downton, 2001 - books.google.com

... 216 11.2.3 Characteristic **maximum** 217 11.2.4 ... Wavelet Transform FDDI Fibre Distributed **Data** Interface FFT ... Light-Weight Process MAC **Multiply** Accumulate Operation ...

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### An Efficient Sort-Last Polygon Rendering Scheme on 2-D Mesh Parallel Computers

TY Lee, CS Raghavendra, JB Nicholas - Proceedings of the 1995 International Conference on ..., 1995 - books.google.com

... the binary swap techniques, and our own **divide-and-conquer** ... In **total**, our algorithm takes  $r + c - 2$  steps to form a ... and the **data** for each triangle is 48 **bytes**. ...

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### [PDF] ► Goal-oriented memory allocation in database management systems

KP Brown, 1995 - Citeseer

... increase in **total** memory consumption, while admitting additional transactions ... in the extreme case of a **maximum** response time ... the same **percentage**, for example). ...

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### [PDF] ► Toward Scalable Cache Only Memory Architectures

E Hagersten, 1993 - Citeseer

... You should also try to **divide** the work evenly ... of course, but would not have yielded **maximum** performance ... The proposed architecture, the **Data** Division Machine, was ...

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[BOOK] [Computer telephony encyclopedia](#)

R Grigonis, 2000 - books.google.com

... in the next two years by 56 **percent** (Source: Schema). ... Bit (LSB) from every 8-bit **byte** over- written to ... pressure have all combined to limit **maximum** targets for ...

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[PDF] [► Designing graphics architectures around scalability and communication](#)

M Eldridge, 2001 - Citeseer

... unique texture memory is the **total** amount of ... include scientific visualization of large **data** sets, ... parallel stages, **routing**, which connects image parallel stages ...

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[► A data structure and query algorithm for a database of areal entities](#)

DJ Abel, JL Smith - Australian Computer Journal, 1984 - acs.org.au

... at least 17 times (nearly half of the **maximum** number of ... our method provides up to 88 **percent** saving in ... must periodically be merged, to keep the **total** number of ...

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[CITATION] [Beowulf cluster computing with Linux](#)

W Gropp, E Lusk, TL Sterling, 2003 - The MIT Press

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[BOOK] [Parallel I/O for high performance computing](#)

JM May, 2001 - books.google.com

... program is performing only floating-point **multiply**-add (FMA ... may operate at only a few **percent** of peak ... available in 2000 that advertised a **maximum** transfer rate ...

[Cited by 52](#) - [Related articles](#) - [All 3 versions](#)

[BOOK] [Supporting service level agreements on IP networks- ►psu.edu pdf](#)

D Verma, 1999 - books.google.com

... in a combination of voice and **data** communications technologies ... 93 4.2.3 Packet **Routing** and **Routing** Protocols 97 ... the complaint, or that the **maximum** waiting time ...

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[PDF] [► Evaluating the memory performance of a ccNUMA system](#)

U Prestor - Master's thesis, Dept. of Computer Science, University ..., 2001 - Citeseer

... and trigonometric functions: integer and floating-point add, **multiply** and **divide**, complex arithmetic ... it makes no attempt to subtract it from the **total** time. ...

[Cited by 6](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

[Synchronized MIMD computing- ►kfupm.edu.sa pdf](#)

E Leiserson, BC Kuszmaul - Massachusetts Institute of Technology, Department of ..., 1994 - eprints.kfupm.edu.sa

... 5-10 The **total** work of each of 25 chess ... insult to injury, after doing the vector **multiply**, the **data** ... in 1979, included a control network and a **data** network that ...

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[BOOK] [Performance modeling for computer architects](#)

CM Krishna, 1996 - books.google.com

... and tails that result: only with whether that **total** number is ... for the waiting room and the **maximum** number of ... We **divide** the methods used into three main areas ...

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[A generational algorithm to multiprocessor cache coherence](#)

T Chiueh - Proceedings of the 1993 International Conference on ..., 1993 - books.google.com

... In some instances, the **percentage** of consistency-related to ... C translator) and MM (a sparse matrix vector **multiply**). ... The **total** first level miss ratio on a semi ...

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[PDF] [► Scaling Control Traffic in Network Protocols&quot;, quals proposal, unpublished ...](#)

P Sharma, 1996 - [eprints.kfupm.edu.sa](http://eprints.kfupm.edu.sa)

... The goal is to keep the **total** bandwidth being used below ... The **multiplying** factor is determined by the degree of ... at the sender is to equally **divide** the allocated ...

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### [Proximity-based cluster allocation for hardware-software co-synthesis of heterogeneous ...](#)

BP Dave - US Patent 6,230,303, 2001 - [freepatentsonline.com](http://freepatentsonline.com)

... factor (EPUF) to indicate what **percentage** of package ... transition rate is determined by **multiplying** its clock ... architecture is estimated by **dividing** the **total** ...

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### [\[PS\] ► An integrated approach to end-to-end analysis of distributed video-on-demand systems](#)

PV Mundur, 2000 - [cs.umbc.edu](http://cs.umbc.edu)

... guaranteed services along the **routing** path of the requests is ... **maximum** and minimum end-to-end delay in any ... jitter indicates that the multimedia **data** will arrive ...

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### [\[PDF\] ► Effective parallel computation on workstation cluster with a user-level communication ...](#)

JC Hoe, 1994 - [dspace.mit.edu](http://dspace.mit.edu)

... 6.5 Processor Scalability: **Multiplying** 256-by-256 Square Matrices ... network based on the Arctic (A **Routing** Chip ... Under this protocol, when a **data** packet arrives ...

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### [\[TXT\] ► Cilk: Efficient multithreaded computing](#)

KH Randall, CE Leiserson - Massachusetts Institute of Technology, 1998 - [historical.ncstri.org](http://historical.ncstri.org)

... 6 The work overhead c1 is only a few **percent** larger than 1 ... algorithm shown in Figure 4-1. To **multiply** one  $n \times \Theta n$  matrix by another, we **divide** each matrix ...

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KD Mayer-Patel, 1999 - [Citeseer](http://Citeseer)

... For The Uncompressed Scalar **Multiply** Operator 75 ... 95 5.10 Interleaver Buering Frame Drop **Percentage** vs ... reliable, congestion-controlled, **byte**-stream communication ...

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### [Real-Time Embedded High Performance Computing: Application Benchmarks](#)

RA Games, JD Ramsdell, CP Brown, MI ..., 1995 - [Storming Media](http://Storming Media)

... can perform a single precision **multiply** and addition in ... that can be processed with **maximum** efficiency is ... constraints are paramount, the **percent** of utilization ...

### [\[PDF\] ► Discovery and application of network information](#)

B Lowekamp, 2000 - [Citeseer](http://Citeseer)

... 1.1 Time, in seconds, for a 16000 **byte** broadcast on ... reducing the congestion so a higher **percentage** of packets ... rather low, but with bursts of **maximum** utilization ...

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### [Toward Scalable Cache Only Memory Architectures- ► \[kfupm.edu.sa\]\(http://kfupm.edu.sa\) \[PDF\]](#)

C Victor, E Hagersten - Swedish Institute of Computer Science, 1992 - [eprints.kfupm.edu.sa](http://eprints.kfupm.edu.sa)

... You should also try to **divide** the work evenly ... of course, but would not have yielded **maximum** performance ... The proposed architecture, the **Data** Division Machine, was ...

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S Lallukka, 2003 - [vtt.fi](http://vtt.fi)

... **Data**-com, telecom and broadcast traffic is conventionally transported over separated networks, which is a major cost factor in network management for operators ...

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### [\[PDF\] ► Adaptive Channels for Wireless Networks](#)

JV Guttag, 1999 - [Citeseer](http://Citeseer)

... Plot of the break-even time, T B , as a function of the **percent** increase in ... running Linux with a 33 Mhz, 32 bit wide PCI bus, the **maximum** continuous **data ... bytes ...**

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[\[txt\] ► Using Problem Topology in](#)

LML CRPC-TR94477-S, LM Liebrock - Center for Research on Parallel Computation Rice ..., 1994 - [historical.ncstrl.org](#)

... 1( npP \Gamma 1) yielding a **total** communication of ... be computing between 93 and 97 **percent** as much ... minimal information necessary for reducing **data** movement for ...

[Cached](#)

[\[book\] Interdisciplinary computing in Java programming](#)

SC Wang, 2003 - [books.google.com](#)

... Primitive **data** types in Java. Their size/format, minimum, and **maximum** val- ues accessible via Type . MIN\_VALUE and Type. MAX-VALUE, where Type can be **Byte**, ...

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[Embedding two-dimensional grids into hypercubes with dilation 2 and congestion 5](#)

Y Cai, SHS Huang, CC Lin - Proceedings of the 1995 International Conference on ..., 1995 - [books.google.com](#)

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